

## ARG65030 anti-TET2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes TET2
Tested Reactivity	Hu
Predict Reactivity	Ms, Dog
Tested Application	IHC-P
Specificity	This antibody is expected to recognize both reported isoforms (NP_001120680.1; NP_060098.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TET2
Species	Human
Immunogen	C-PPHQSNNDDQQREGSF
Conjugation	Un-conjugated
Alternate Names	MDS; KIAA1546; EC 1.14.11.n2; Methylcytosine dioxygenase TET2

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 6 µg/ml

**Application Note** IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 54790 Human](#)

[Swiss-port # Q6N021 Human](#)

**Background** The protein encoded by this gene is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. The encoded protein is involved in myelopoiesis, and defects in this gene have been associated with several myeloproliferative disorders. Two variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]

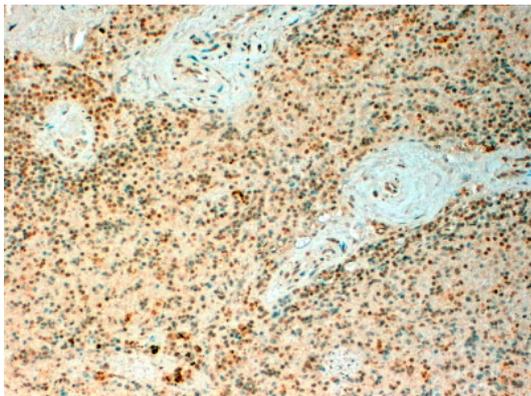
**Research Area** Gene Regulation antibody

**Calculated Mw** 224 kDa

**PTM** May be glycosylated. It is unclear whether interaction with OGT leads to GlcNAcylation. According to a report, it is not GlcNAcylated by OGT (PubMed:23353889). In contrast, another group reports GlcNAcylation by OGT in mouse ortholog.

## Images

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ARG65030 anti-TET2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65030 anti-TET2 antibody at 4 µg/ml dilution followed by HRP-staining.